

CLAUDE ADDRESSES STUDENTS ON USE OF SEA FOR POWER

Famous French Scientists Tells of Experiments With Liquid Air

GIVES ENGINEERS ADVICE

"Utilization of power from the sea" was the topic of a lecture given yesterday afternoon by M. Georges Claude, distinguished French scientist and inventor. M. Claude is famous for his work with liquid air, and was among the first to separate the constituents of air by liquefaction.

As a prelude to his talk, M. Claude told of his work with liquid air, and also explained his invention for the fixation of nitrogen. He told how he came to take up this field of work, and detailed his experiences with liquid air.

M. Claude is an outstanding supporter of the project for obtaining powers from the sea. The varying pressures and temperatures of water in the ocean embody a tremendous source of power that has never as yet been used by men. Machines to make this possible are being invented by M. Claude at the present time.

A few words of advice were also given to the students, as young engineers, who will soon be engaged in scientific work in various fields. The necessity of interesting business in new inventions and new processes was explained, as M. Claude considers that this is one of the greatest problems which an engineer encounters.

VOO DOO IS WINNER OVER T.E.N. BY 12-0

Reynolds and Dickinson Score One Touchdown Apiece

Handicapped by frigid weather and a dearth of players, the gridiron struggle between "Voo Doo" and "The Tech Engineering News," came very near being postponed yesterday afternoon. After waiting nearly half an hour for the eleventh Voo Doo player to appear, the game finally got under way before about two dozen spectators. Inclement weather was probably to blame for the small attendance, although it was quite evident that there was not the interest in this game that was evidenced at the meeting of THE TECH and "Technique" last week.

Neither team threatened seriously in the first half, although Edlund, of the T. E. N. outfit made a long run from scrimmage that brought the ball within the thirty-yard line. In the second half, "Voo Doo" came to life and had the game all their own way. Reynolds was the first to score, eluding the entire T. E. N. team on a wide end run from the thirty-yard line. The try for point was missed when a forward pass was grounded. The second touchdown was made by Dickinson on a fake pass, and again the forward pass for extra point was grounded, making the score 12-0 in favor of Phos and the kittens. The game ended shortly afterward with the ball in midfield.

VOO DOO	T.E.N.
Hollen, L.	Le., Raymond
Dwight, L.	L., Gardner
Ostrow, L.	L., Grosser
Jarosh, E.	L., Ladd
Davis, R.	L., Orne (Fitzgerald)
Sibley, R.	L., R.T., Kropf
Gusman, R.	L., Bertollet
Dickinson, G.	L., Edlund
Kenney, L.	L., Haskell (Wood)
Reynolds, R.	L., Speller
Glen, C.	L., Baumrucker
Referee: Hamlin; Umpire: Schvoren;	
Head Linesman: Bremner.	

MATHEMATICS CLUB IS TO MEET TODAY

At the regularly monthly meeting of the Mathematics Club held today in Room 4-231 at 5 o'clock Prescott D. Crout '29 will speak on the "Numerical Solution of Equations." The lecture will be particularly interesting to freshmen as the subject discussed will help them in their work this year. Everyone interested is invited.

Increase of \$200 Paid For Sports This Year

Athletic Budgets for the various sports at the Institute for the coming year are as follows:

Sport	Budget 1928-1929
Baseball	Budget not submitted
Basketball	\$878.60
Boxing	557.02
Crew	2115.47
Cross Country	876.18
Fencing	Budget not submitted
Field Day	187.50
Field Day Banquet	150.00
Football	14.50
Golf	234.35
Gym	786.07
Hockey	752.35
M. I. T. A. A.	1242.00
Publicity	140.00
Rifle	414.77
Soccer	1262.28
Swimming	1262.28
Tennis	Budget not submitted
Track	2748.32
Wrestling	954.90
Total	\$13,889.16

MEETING HELD BY ALUMNI COUNCIL

Recommendation that Dormitory Campaign Fund be Closed is Presented

Recommendation that the present dormitory campaign fund be closed was made by the Alumni Dormitory Fund Committee at the second meeting of the Alumni Council last night. This fund, obtained by conducting a campaign among the alumni, has been instrumental in the extension of dormitory facilities at Technology.

Henry F. Bryant '87, chairman of the Committee, reported that \$530,000 had been subscribed and the greater part paid in full. The Committee recommended that letters be sent to the Alumni announcing that the books for the Fund would be closed on January 1, 1929. A vote of thanks was given to the Committee for their excellent work in making possible the present modern dormitories.

At the same meeting, a Committee on a New Method for Nominating Term Members to the Corporation was appointed. Under the present system, a committee is nominated by the Council to name a slate of nine. This slate of nine is sent to the alumni who elect the three Term Members. A new system is being devised whereby it will not be necessary to submit a ballot to the alumni.

Frank L. Locke '86, Personnel Director of the Institute, gave a talk on the plans for personnel work at Technology. Alexander Macomber '07, president of the Alumni association, presided.

ATHLETIC BUDGETS RECEIVE INCREASE FOR COMING YEAR

Students Pay \$13,889.16 to Carry on Sports at the Institute

CLASSES RECEIVE \$1561.24

Showing an increase of more than \$200 over last years budget the figures are compiled by the Budgets Committee, which is headed by George T. Logan, '29, state that this year the students of Technology will pay \$13,889.16 for sports as compared with the \$13,611.97 which was expended a year ago. This present budget does not include the appropriations for baseball, tennis, an fencing which last year amounted to \$911.58.

On account of the lack of interest and playing facilities the Advisory Council on athletics at the Institute are considering the question of dropping Beaver Baseball as a spring sport. This will be definitely decided upon within a short time. As soon as the fencing and tennis managers complete their schedules for the coming year the budgets for those sports will be submitted. This will probably bring the figure to \$15,000 as the total amount paid by the students to support athletics at the Institute.

Track Has Largest Budget

Out of the 16 sports at Technology, track has the largest budget, which calls for an expenditure of \$2,748.32, while crew is second with \$2,115.47. Besides the M. I. T. A. A. which receives \$1,242 the only other sport which calls for a budget over \$1,000 is swimming which is \$1,262.28, wrestling, basketball, and cross-country receive the next largest budget in the order named.

Each year a special fee of \$10 is paid by each man to the Institute to be used for athletics, class dues and other assessments. Out of this sum \$5.80 is paid for sports and \$4.40 for class dues. This year the Class of 1929 will receive \$372.00 and this added to a balance of \$300.00 from last year will bring the estimated total to \$672.00. The Class of 1930 will receive \$344.24, the Class of 1931 will receive \$323.00 while \$222.00 will be the share of the freshman class.

PISTOL TEAM BEGINS PRACTICE ON RANGE

Beginning Monday, December 3, the pistol range will be open to members of the advanced R. O. T. C. at the following hours:

Mondays—10:00 a. m. to 12:00
Thursdays—9:00 a. m. to 11:00
Fridays—9:00 a. m. to 11:00

It is hoped that a sufficient number of men will turn out for pistol practice to enable the formation of a Pistol Team which can enter into competition with teams from other institutions, the National Guard, etc., and reflect credit on the Institute.

M.I.T.A.A. EVENTS FOR DECEMBER

Saturday, Dec. 1—8:00 P. M.—Basketball
Varsity vs. New Bedford Textile in Hangar Gym

Friday, Dec. 7—8:00 P. M.—Sports Night
Exhibition of Wrestling, Gym, Boxing, Fencing, and Basketball in Walker Gym

Saturday, Dec. 8—7:00 P. M.—Basketball
Freshmen vs. Boston University in Hangar Gym

8:00 P. M.—Basketball
Varsity vs. Boston University in Hangar Gym

Wednesday, Dec. 12—5:30 P. M.—Swimming
Interclass Meet at the University Club

8:00 P. M.—Hockey
Varsity vs. Harvard in the North Station Arena

Saturday, Dec. 15—7:00 P. M.—Basketball
Freshmen vs. Wentworth Academy in Hangar Gym

8:00 P. M.—Basketball
Varsity vs. Newport Naval Training Station in Hangar Gym

Monday, Dec. 17—Hockey
Varsity vs. Norwich in the North Station Arena

Wednesday, Dec. 19—8:00 P. M.—Basketball
Varsity vs. Manhattan College in Hangar Gym

Darrow Says Lack Of Proper Training Is Cause Of Crime

Amounts of Money the Classes Will Receive

Class finances for the coming year are as follows:

Class	Bal. from Last Year	Estimated Total
1929	\$300.00	\$672.00
1930	22.24	344.24
1931	51.00	222.00
1932	222.00

Total \$373.24 \$1561.24

Institute Committee Budget	\$170.00
Budget Committee	40.00
Walker Memorial Comm.	35.00
Elections Committee	95.00
All Tech Smoker	652.00
Student Council Course IV	30.00
Points System	2.00
Freshman Rules Committee	10.00

Total \$1034.00

Truck Runs Down Tech Student On Memorial Drive

D. M. C. Hopping '30, Knocked Down as He Steps Off Curb to Street

Daniel M. C. Hopping '30 was run down by a truck at 2 o'clock yesterday in front of the Great Court. The accident occurred when Hopping tried to cross and the truck driven by Lewis O. Leavy of the Dodge Haley Company hit him as it was going eastward. The victim's left collar bone was fractured and he had two lacerations in his legs. He was immediately taken to the infirmary where Dr. L. W. Croke examined him and said that he must be carefully watched for the next 48 hours.

He withstood the shock well and it is hoped that his recovery will be rapid. George B. Walker '30 witnessed the accident.

There is always a steady flow of traffic both directions on the northern side of Memorial Drive and it is rather difficult to cross on foot. If possible, it was advised by the officer that the students cross the street at the intersection where the lights control the traffic.

TECHNOLOGY REVIEW TO APPEAR MONDAY

Contains Articles on Infirmary, Glacier Park, and Physics

"Gravel and Gumbo" is the title of one of the feature articles in the December "Technology Review" which will be on sale next Monday. This article was written by Harold E. Lobdell '17, dean of students at Technology and Editor of the "Review," and tells of his experiences on an auto trip from Boston to the Pacific coast, dealing especially with Glacier National Park.

"Why an Infirmary," by Dr. Haven Emerson of Public Health at Columbia University, contains the essence of Dr. Emerson's address at the dedication of the Homberg Memorial Infirmary. Dr. Emerson stressed particularly the necessity of personal responsibility in health.

"Physics and Medicine," by Edwin B. Wilson, who formerly taught Mathematics and Physics at Technology and at present is Professor of Vital Statistics in the Harvard School of Public Health, deals chiefly with the methods of teaching each subject.

In addition to the main articles, the new issue contains the "Institute Gazette" which tells of the official happenings around Technology, and the "Trend of Affairs," which reviews the Theremin Vox and Dirigibles.

Big Crowd Hears Lawyer Talk On Crime Thursday

Right and Wrong Considered by Famous Orator in Speech Before Students

EDUCATION IS CRIME CURE

"Right and wrong depend on customs and folk ways." These are constantly changing, and therefore man's conception of right and wrong is always changing," was the nucleus of Clarence Darrow's speech at the Liberal Club meeting on Thursday afternoon. Mr. Darrow spoke on "Crime" and showed the causes and conceptions of punishment and discussed the different aspects of right and wrong.

In his talk Mr. Darrow brought out the important fact that nobody really knows the difference between right and wrong or the means of obtaining this knowledge. He considered at first religion, which some believe to be a means of finding out this difference, and showed that on account of the many different religions it was almost impossible to pick the right one. Even if we have the right religion the different interpretations of the text make it difficult. In order to illustrate his point, Mr. Darrow took the seventh commandment "Thou shalt not kill." This cannot apply to wars which Christian nations wage so therefore only "retail" killing is forbidden. Then there are many exceptions such as in defence of your family or of your property therefore this simple "law" means nothing. All the rest were similarly ambiguous (Continued on Page 4)

INVENTOR GIVES STEAM ENGINE TO THE INSTITUTE

Mr. Prosser Donates Engine of His Design to Steam Laboratory

ENGINE IS UNIFLOW TYPE

Mr. Joseph G. Prosser of Chicago has donated to the Institute a new reciprocating steam engine, which will be installed on the first floor of the Steam Laboratory. The engine is of the uniflow type, the same size as the two uniflow engines now in use in the laboratory. This new addition will be for regular student use in testing experiments, and will increase the value and facilities of the laboratory.

The engine is built with steam jackets conforming with Mr. Prosser's patents, and will have a hollow piston, which will be filled with high temperature steam through a tail rod running through the cylinder head. The cylinder will also be completely jacketed with high temperature steam.

Very excellent economies have been obtained from the Prosser type engine, and when this machine is installed the laboratory will have three of the most modern reciprocating steam engines. It is being built by the Fitchburg Engine Company, and delivery is expected late in the month of January.

No Issue Next Friday

There will be no issue of THE TECH Friday, on account of the intervening Thanksgiving holiday. The next issue will be on Monday, December third.

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Official News
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of M. I. T.

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DARROW—COMES AND GOES

JUST that—and very little more than that. Darrow condescended to visit the Institute; he was welcomed by a crowd the like of which the old physics lecture room seldom sees; he made the throng laugh time after time; and then he left—the students much happier, but hardly wiser. Yes, Darrow came and went, but what a Darrow!

To be sure, his accomplishments of yesterday afternoon were many: He made the successful efforts of the Liberal Club the talk of the Institute. He gave hundreds the opportunity to say, "Oh, yes, I've seen and heard the great Darrow." He gave certain of the instructing staff innumerable chances to laugh at scores of their pet laugh producers—laugh producers exalted, perhaps, to a higher, cleverer plane. And in a brief five or ten minutes he gave a rather interesting discussion of modern crime treatment. By no means are we sorry that we heard the great Darrow, nor are any, do we imagine, who were in the crowded lecture hall. He was far from dull—in fact, his dry, subtle reflections on the discrepancies of our moral conceptions were well worth the trouble and the time.

But what were his real accomplishments? What did he leave with his audience of lasting value? Did any hear what they hoped to hear? We doubt it. The Darrow we witnessed played with his audience as he might with a sympathetic jury; we were amused; we were won completely so far as our feelings were concerned, exactly as he stated that he won his juries; but must we supply our own logic as his juries must do? Here we balk.

A southern minister explained to us last night that Darrow should not be allowed at large; that his ideas would most surely contaminate an unthinking public. Is there a member of that audience who since yesterday has given up the idea of marriage—of his religious worship—of building bridges? Hardly. We are grossly flattered that the Darrow of yesterday afternoon could be thought capable of changing our lives; personally we would be more than willing to stand that risk could we hear the Darrow of newspaper fame—possibly the Darrow who spoke informally with the small group after the rest had left—the Darrow we have longed to hear; and missed.

WHAT MIGHT HAVE BEEN

WE remember from a recent magazine article a more serious Darrow who talks of life and immortality. The superficialities of Monday's speech recalled these greater depths and an interesting conclusion. His religion is far from conventional but it should be understood in order to appreciate the man.

He in the first place approaches the problem of our existence as a scientist. Whatever he believes is based on reasoning. Hence he does not accept the duality of the body and the soul: human life commences as a result of natural changes of energy and matter; it continues for the same reason; and its final decay is like that of all organisms. Our existence is merely a state of equilibrium between the two opposing tendencies—the one that builds up and the one that tears down. Unreasoning faith, beautiful as it may be, is for him impossible.

He admits that many of these logical conclusions are not pleasant to contemplate, but they are the facts and we should look on them as such. As we are glad to lose ourselves in sleep at the end of the day, so we should be glad (intellectually at least) to find rest from the stresses and storms which are a necessary part of life. For that life he has an interesting philosophy as the following quotation shows:

"When we fully understand the brevity of life, its fleeting joys and unavoidable pains; when we accept the fact that all men and women are approaching an inevitable doom: the consciousness of it should make us more kindly and considerate of each other. This feeling should make men and women use their best efforts to help their fellow travelers on the road, to make the path brighter and easier as we journey on. It should bring a closer kinship, a better understanding, and a deeper sympathy for the wayfarers who must live a common life and die a common death."



Darrow had the pleasure nearly every lecturer has enjoyed—that of having a portion of his audience depart piecemeal long before his talk was finished. The Lounger has his own opinion of the Brown Bagger who can't let anything stand in the way of catching that train; who can't cut a class; and who lacks that finer sense of courtesy that would prevent his walking out on a visiting speaker.

The Lounger rather enjoyed Darrow's lack of consideration for any of the established facts of life. Everything from God to bridges fell before his onslaught. Most likely all of the Faculty have now dropped their denominational affiliations, not to mention the engineers who have decided to matriculate at Harvard Law. No telling how many of the fair Wellesleyites will be informed definitely that they are one in ten million—or whatever the figure was.

The choicest remark at the Voo Doo—T. E. N. comic supplement out on

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COPLEY: "Marigold".
HOLLIS: "Mach Ado About Nothing".
MAJESTIC: "A Connecticut Yankee".
PLYMOUTH: "Straight Thru the Door".
SHUBERT: "The Red Robe".
REPERTORY: "The Tempest".
TREMONT: "Blackbirds".
ST. JAMES: "Lightnin".
WILBUR: "The Kingdom of God".

Screen

LOEW'S STATE: "The King of Kings".
METROPOLITAN: "Manhattan Cock-tail".
OLYMPIA and FENWAY: "The Terror".
MODERN and BEACON: "Marriage by Contract".
KEITH MEMORIAL: "Outcast".

the field yesterday was the sentiment that was far more interesting than a real game. Needless to say, it was far more original. Trick plays abounded; not even the team carrying

the ball knew what was going to happen. The Lounger did his best to find out which side Larry Hamlin was playing on, but he changed sides so often that one couldn't tell. Rather regrettable the decision to bar all the expectant ringers who had been signed up; there might otherwise have been a crowd to watch the fracas.

What proud father drapes a baby blanket over his car out in front of the Great Court these cold days? Pride is one thing; but outright bragging oughtn't to be tolerated.

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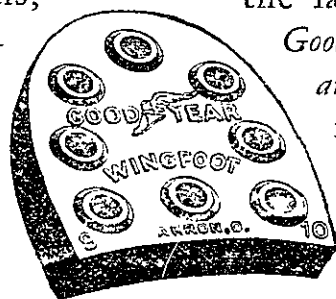
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HARRIERS PLACE TENTH AT NEW YORK

BASKETBALL TEAM PLAYS NEW BEDFORD IN OPENING GAME

THORSEN IN 23 RD PLACE AS FORMER CHAMPS WIN TITLE

Reid of Harvard Runs Thrilling Race to Defeat Lindsay by Twelve Yards

COX MISSES THIRD TITLE

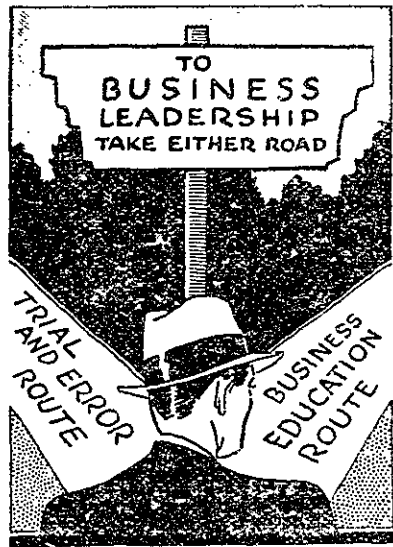
In the twentieth annual cross country meet of the I. C. A. A. A. A. at Van Cortlandt Park, New York, last Monday the Technology Varsity team won tenth place in a field of thirteen colleges represented. Leon Thorsen ran a good race and covered the six-mile course in 32:11 which was just two minutes slower than the winning time. He was the first M. I. T. runner to finish, placing twenty-third in the final scoring. DeFazio finished in thirty-ninth place, and was followed closely by McNiff in forty-first place. The freshmen did not fare so well, taking thirteenth out of fifteen places.

Bill Cox of Penn State, champion in 1926 and 1927, failed to win his third successive victory. John Paul Jones of Cornell now remains the only man who has won the I. C. A. A. A. A. championship three times. Cox was beaten out by Captain Jimmy Reid of Harvard, who now holds the national championship, and Francis Lindsay of Maine. Reid, Lindsay, and Cox ran a thrilling race which made things interesting for everyone who witnessed the meet. Cox led the field for about four miles and was closely followed by the other two, running neck and neck. Seeing that he was tiring rapidly, they put their greatest efforts into an attempt to pass him on an especially long hill. They secured a lead of about 40 yards which was never diminished during the rest of the race.

Penn State managed to repeat its work of last year and won the meet by placing enough men near the head of the procession as it crossed the finish line. Maine, the New England championship team, won second place and gave Penn State a good race for honors. Reid was the hero of the day, although he beat Lindsay by the close margin of 12 yards. His running was smooth and he seemed to be in very good condition, though the temperature was down to 20 degrees.

(Continued on Page 4)

After College



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BOXING REGULATIONS CHANGED AT MEETING

At a conference of the Intercollegiate Boxing Association at Philadelphia on Saturday, November 24, representatives of the colleges in the Association formed the rules under which the intercollegiate meets will be held this year. The rules as made at the meeting are as follows.

1. The Coach must sit away from men during meets.
2. No coaching allowed during fight.
3. No seconds allowed in ring during or between rounds unless referee asks for them.
4. Referees and Judges must be graduates of one of the six colleges in the Conference.

During the progress of the meeting, conflicts of different teams were settled. The referees for intercollegiate meets were picked, and the date March 22-24 was set for the Intercollegiate Championships at Pennsylvania State College. The referee for these will be Frank McCracken.

The colleges represented in the Conference were University of Pennsylvania, Pennsylvania State, Syracuse, Georgetown, Navy, and Massachusetts Institute of Technology. Captain Bolanos represented Technology.

EXPECT A VICTORY IN GAME SATURDAY

Motter and Dickinson, Members of Last Year's Freshman Team, Do Well

With the New Bedford game scheduled for Saturday evening at 8:00 in the Hangar gym, the Cardinal and Gray five is rapidly getting into shape. The Engineers are hoping for a victory as they have one of the strongest teams that has been seen in the Hangar for quite sometime.

Greater speed has become evident in the scrimmages of the last few days. One of the marked characteristics has been the close guarding of both the regulars and the scrubs. Although not all of the attempted shots were made, Coach McCarthy was well satisfied with the results

and is confident that the team will open its season with a victory.

David Motter and Warren Dickinson, two men from last year's freshman team, have been doing exceptionally well in practice and they have a good chance of becoming regulars. Both men will undoubtedly

ly get into the New Bedford game as Coach McCarthy intends to use as many men as possible.

William McDowell, who was on the team several years ago, is back in school again and it looks as if he will be seen in a Cardinal and Gray uniform again this season. He

(Continued on Page 4)

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OFFICIAL BULLETIN

WHITING CONCERTS
1928-1929 Season

The Whiting Concerts are to be held in Room 10-250 on the following Tuesday evenings:

December 4 February 19
January 15 March 5

March 26

ECONOMICS

The following speaker will lecture before the class in Business Management in Room 1-190:

Mr. R. W. Price

District Manager, The McCaskey Register Company
November 28, 9 A. M.

Subject: "Production Control"

CIVIL ENGINEERING

A series of lectures by Kenneth C. Reynolds, Instructor in the Department of Civil Engineering, who has been studying in Germany under a John R. Freeman Traveling Scholarship, on

"Laws of Hydraulic Similitude as Applied to Experiments With Models."

The lectures will be given in Room 1-150, Wednesday, November 28 at 3 P. M. and on December 3 and 5, at hours to be announced.

CALENDAR

Wednesday, November 28

5:00—Mathematics Club Meeting, Room 4-231.
6:30—Civil Engineering Society Dinner Meeting, Grill Room, Walker Memorial.
6:30—Chemical Engineering Society, Grill Room, Walker Memorial.
8:00—I.I.T. Archimedes Society Dance, North Hall, Walker Memorial.
Saturday, December 1
8:00—Varsity Basketball—M. I. T. vs New Bedford, Hangar Gym.

NOTICES

T. E. N. PICTURES

Pictures of T. E. N. staff will be taken today at 5 o'clock in Room 11-004. Please be prompt.

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JACKSONVILLESwimming Teams
Are Getting Ready
For Class MeetVarsity and Freshman Outlook
for Coming Season is
Unusually Good

Both the Varsity and freshman swimming teams are practicing hard for the interclass meet to be held December twelfth at the University Club in competition for the Brookline Swimming Club shield. There is every indication that the meet this year will be a close one with plenty of excitement in each event.

Although it is rather early in the season to make predictions the outlook of the swimming team is rather good this year. The Varsity has quite a few men back from last year, also several members of last year's freshman team including Lykes who should prove to be a valuable asset to the team in the diving events. For the past few seasons diving has been one of the team's weak points.

Fresh Appear Strong

The freshman team also seems due for a winning year and although the yearlings are weak in diving they are well rounded out in the other events. There are twenty-three at present on the squad with several high lights such as William Holst who is showing exceptional form in the breast stroke and Levinson who is staying right up with the Varsity backstrokers.

The Varsity schedule this year has as usual a number of interesting meets including one with Rensselaer. The freshman schedule is not yet complete but enough of it is known to see that the season ought to be a busy one for the yearling natators. The interclass meet this year promises some real contests in the various events as there are a number of good men to represent each class, including several promising freshmen. The officials of the meet will be Mr. Johnson and Mr. Holmes of the Brookline Swimming Club and coaches Dean and Brown of the Technology team.

ENGINEERS IN LINE
TO SCORE SATURDAY

(Continued from Page 3)

has been doing very well in practice and will get into at least part of this Saturday's contest. Captain Brockleman and Brig Allen have been doing good work during the past week and have showed up very well in the scrimmages.

By the looks of the team in scrimmage it appears that the Engineers have a very strong quintet. The game this Saturday will be a real test of their ability as the opening game of the season usually brings out a number of things that are not evident in scrimmage. Undoubtedly the Cardinal and Gray should come through with a victory as they have always won their previous games with New Bedford and there is no reason for them not repeating the event.

Punishment Fails
To Stop Crime Is
Claim Of LawyerCrime is Employed Of Only
Uneducated and Idle
He Asserts

(Continued from Page 1)

according to Mr. Darrow, "Therefore," he stated, "Religion is no guide!"

Is Conscience A Guide

Mr. Darrow next disposed of conscience as a guide.

"What is it? What does it know?" were his words. "If it knows how does it find out?"

He disposed of conscience by showing that it is not in the human body, that it changes with the times and that different people have different consciences. Therefore it must be only a state of mind. The child gets it from its parents who got it from their parents. The preacher teaches them the teacher helps and then the neighbors take a hand and finally the child has a fine conscience. Thus he showed that conceptions of right and wrong depend on customs and "folk ways" which are always changing.

Is Punishment Right

The speaker maintained the opinion that punishment is unjust. People say that a person is punished for doing something maliciously and willfully but the speaker maintained that no one has free will. This point he illustrated by showing the importance of a man before his heredity.

Many excuses are given for punishment. It is said to be used to keep others from crime. So Jones must be hanged to keep Smith straight. Rather tough on Jones to say the least. Punishment is an offspring of vengeance and revenge.

"Punishment has not stopped crime." As a case, Mr. Darrow stated that of the burglar, who does not hesitate to shoot to kill if disturbed while playing his trade although he well knows that if he is caught as a burglar he will get five years but if convicted for murder he will hang. "The only people stopped by fear of the punishment are those too weak-kneed to do anything."

Crime and Poverty

Mr. Darrow stated that if we visit any prison at all, we will find that the people who commit crimes are not rich but poor. We will find very few preachers or doctors or lawyers or carpenters in jail. They have other things to do. It is generally known that people who can make a living do not commit crimes.

Mr. Darrow then gave his theory for stopping crime which consisted of educating people, not through books, but teaching them some trade. People never get anything out of books. "If everybody had an education which would enable them to do something in life, there would be no burglars or murderers. When we stop judging and hating people then we will do away with crime."

Clarence Darrow was well received by the students as evidenced by the well-filled hall and round after round of applause. The students seemed to like his cynical tone and manner and many agreed with him in his view. The many who took advantage of this opportunity to hear this great speaker considered their time well spent.

HARRIERS COMPETE
IN I.C.A.A.A. MEET

(Continued from Page 3)

The sprint between the two leaders when the finish line was in sight was more like that of a half-mile race.

In the freshman race the M. I. T. yearlings took thirteenth place. This event was won by the University of Pennsylvania in the fast time of 15:11. Three Pennsylvania men crossed the line in a dead heat for first place.

The summary:

Varsity team scores

Penn State	45
Maine	38
Cornell	102
New York U.	119
Syracuse	130
Harvard	167
Dartmouth	169
Columbia	195
Yale	198
M.I.T.	227
Princeton	255
U. of Pennsylvania	314

Freshman team scores

U. of Pennsylvania	61
Syracuse	65
Penn State	83
Cornell	91
New York U.	95
Dartmouth	202
Manhattan	235
Union	238
Princeton	249
Yale	270
C. C. N. Y.	291
Rutgers	295
M.I.T.	300
Carnegie Tech	327
Columbia	343

Students Indulge in
Lunar Observations

Many students braved the cold yesterday morning about 3 o'clock to get a glimpse of the eclipse of the moon. After struggling to get out of bed and arousing the courage to go on the roofs of their dwellings, they came down thoroughly disgusted when the fog and clouds did not disclose the object of their wonder. Nevertheless a few patient sufferers saw the red brown haze in the lunar direction and finally convinced themselves that it was the eclipse. Many freshmen wanted to use the Institute telescope to watch it, but they were informed that Technology men do not indulge in star gazing except on certain rare occasions.

A.A. PASSES AWARDS
OF FIELD DAY TEAMS

Awards of the 1932 numerals to the Field Day football and Tug-of-war teams were passed at a meeting of the M. I. T. A. A. Executive Council which was held at Walker on Monday at 5:15 o'clock. Awards of the 1931 football Field Day team numerals were tabled pending the reception of the new constitution from Dr. Allan W. Rowe '01.

Twenty-three men will receive their numerals for their work on the freshman football team, and twenty-nine will be awarded their numerals for their participation in the Field Day tug-of-war team.

Albert R. Pierce, Jr. '31, was appointed as supervising manager of Football for the Fall of 1929. It was believed that more thorough arrangements could be made if this position was chosen in the Fall instead of in the Spring.

PLAQUE FOR T.C.A.
HEADS IS STARTED

Heads of the various departments of the T. C. A. will have an opportunity to have their names placed on

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BRIGHT OUTLOOK FOR
M.I.T. HOCKEY TEAM

About 45 men attended an enthusiastic hockey mass meeting which started the pucksters on their way to a busy winter season last Monday night. A short talk on the Varsity and freshman hockey schedule for the coming year was given by Manager Snyder, followed by a talk by Captain White on the outlook for this year's team. Coach Russell Dean who has coached the team for the past three years will be back again this year. Practice this year will be held at the new Boston Arena, the men reporting daily at 7 o'clock in the morning.

The prospects for this year are exceedingly bright, the brightest in fact the Institute has had in many a season. With such men back as Captain White, ex-captain Crosby, Peene, Horan, forwards; Riley, and Burke, goalies; Donahue, Fahey, and Lucey, defence; the team should get away to a good start. However the wealth of material does not stop there as such men as Vinn, Paris, Flathley, Ford, Baker, Diverman, Hazeltine, Girade, Lawson, Pear, Goodhand, and Hall are also out for the team, most of these men being from last year's freshman team. Also, Francis Meade and Bill Cullinan, stars on the '27 Varsity team are back in school and are out for the team. In view of the fact that the team is late in getting started this year and also that the Harvard game is only two weeks off, the team will go into intensive training immediately.

a plaque which will be placed in the main office, according to an announcement that was received yesterday.

Each year, the department head who accomplished the most work during the year will be honored by having his name inscribed on the plaque. The announcement of the award will be made in March, when the new officers are elected. This idea will be started this March for the first time, when the president, vice president and treasurer of the T. C. A. will make the choice.

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